

# Amel Khiri

## FULL STACK WEB DEVELOPER

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### SUMMARY

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Results-oriented web developer with over 2 years of experience excelling in the creation of robust and scalable web applications. Specialized in leveraging cutting-edge technologies such as Next.js, TypeScript, and Tailwind CSS to deliver exceptional user experiences. Proficient in crafting efficient and responsive interfaces, I have successfully achieved an average page load time reduction of 20% while boosting user engagement by 30%. Adept at mitigating technical debt, I've contributed to a 15% reduction, ensuring streamlined and maintainable codebases. Known for strong problem-solving abilities, I have a proven track record of collaborating seamlessly with cross-functional teams to deliver projects on time.

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### SKILLS

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- **Front-End:** JavaScript, React, Redux, NodeJs HTML, CSS, Bootstrap, Jest, NextJs, Tailwind, Typescript.
- **Back-End:** Ruby on Rails, MySQL, Postgresql, Devise, SQL Cancancan, API development.
- **Tools & Methods:** Git, GitHub, Heroku, Typescript, Netlify, Webpack, mobile/responsive development, Jira, RSpec, TDD, OOP, Jest, Capybara, JSON, Kanban, Agile methodology, unit testing, debugging, , Unit testing.
- **Professional:** Remote pair-programming, teamwork, collaborative mindset, constant and quick learning, communication, critical thinking, problem solving, organization skills, time management, decision making, attention to detail, creativity.
- **Languages:** Arabic, French, English, Turkish, Notions of Spanish.

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### EXPERIENCE

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#### JUUBIX

Full-Stack Developer

October, 2023- Present

Remote

- Developed and maintained web applications using Next.js, delivering highly responsive and dynamic user interfaces.
- Collaborated with cross-functional teams to gather requirements, design solutions, and ensure seamless integration of front-end and back-end components.
- Employing Next.js for server-side rendering and optimized performance, resulting in faster page loads and improved SEO.
- Developed reusable UI components to streamline development and maintain a consistent design system.
- Actively engaged in debugging, profiling, and optimizing applications for better performance and scalability.
- Engaged in Sales and Marketing activities, promoting technical solutions to potential clients and creating a bridge between development and business teams.
- Hosted workshops to demonstrate technical capabilities, bridging the communication gap between developers and non-technical stakeholders.
- Organized and hosted events to showcase Juubix's technical expertise, fostering relationships with clients and industry partners.

#### MICROVERSE

Technical Support Engineer (Part-time)

May, 2022 - Present

Remote

- Completed over 300 code reviews in Ruby on Rails, JavaScript, HTML, and CSS for over 120 students.
- **Mentored 30+ students on a 1:1 basis**, providing technical and professional assistance as they complete individual and group projects in JavaScript, React, and Ruby on Rails.
- Provided feedback and assisted students in adding features to their projects.

## JUSTICE 4.0

### Full Stack Developer

May 2022 - July 2022

- Conducted front-end, back-end, and database web development for a web application that connects the public with court services in Finland.

## MICROVERSE

Remote

### Mentor (Volunteer)

September 2021 - Present

- Mentored junior 30+ web developers, providing technical support through code reviews.
- Proposed improvements to code organization to improve code quality and overall performance.
- Provided advice and tips on how to maintain motivation to maintain longevity in the program, resulting in a 5% increase in program retention.

## AHMED AROUA TECHNOLOGY INSTITUTE

### Mechanical Design Professor

September 2003 - June 2022

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## EDUCATION

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## MICROVERSE

September 2021 - July 2022

### Full Stack Web Development Program, Full Time

- Completed over 1300 hours of training in algorithms, data structures, and full-stack development, while simultaneously developing projects with Ruby, Rails, JavaScript, React, and Redux.
- Developed skills in remote pair-programming using GitHub, industry-standard Gitflow, and daily standups to communicate and collaborate with international remote developers.

## M B. UNIVERSITY ALGERIA Algeria

September 2018 - July 2019

### Masters Degree, Material Science

- Gained expertise in the design and fabrication of materials for a variety of applications
- Conducted research on the development of new materials and their potential applications

## IOMP, UFAS Algeria

September 1993 - June 1998

### Mechanical Engineer,

- Possess a Bachelor of Science in Mechanical Engineering from a top-tier university, with a focus on design, analysis, and fabrication of mechanical systems.
- 3+ years experience using CAD software, including Solid Works, AutoCAD, to design and analyze mechanical components and systems.
- Skilled in the use of FEA software, to simulate and analyze the performance of mechanical systems.
- Proficient in the use of MATLAB to develop and analyze data from experiments.

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## HIGHLIGHTED PROJECTS

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Mastered intermediate and advanced topics in full-stack development (including Rails, Git, and DS&A challenges) while building 20+ full-stack projects both independently and via pair-programming. Some of them are listed below:

### WishYacht:

Web application that allows users to rent and reserve yachts. | [Live demo](#)

- Built with: React, Redux, CSS, Bootstrap, and Ruby on Rails, Devise Jwt, Postgresql, and Rspec.

### Space Traveler's Hub:

Web application to track and reserve missions and rockets.

- Built with: React, Redux, and API. | [Live demo](#)

### YourWallet:

Mobile web application to manage budget.

- Built with: Ruby on Rails. | [Live demo](#)